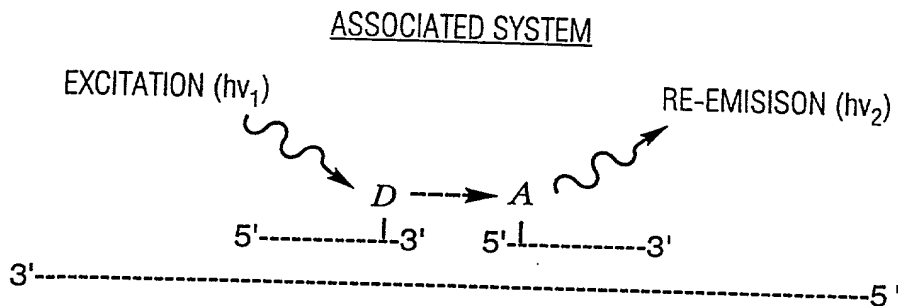
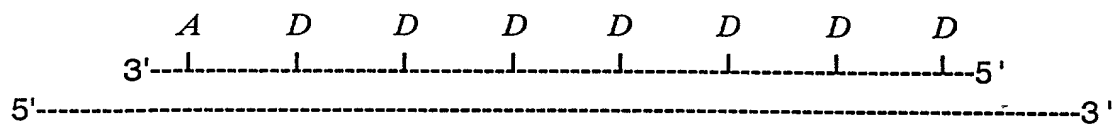


*Fig. 1A*



*Fig. 1B*

MULTIPLE DONOR / ACCEPTOR POLYNUCLEOTIDE



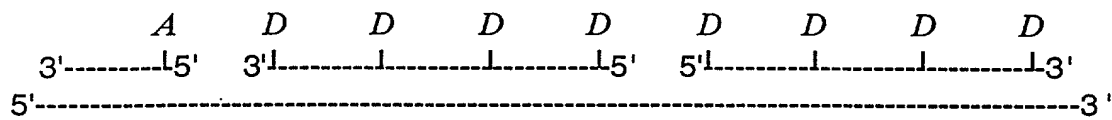
TEMPLATE DNA

*Fig. 2A*

ACCEPTOR  
OLIGOMER

MULTIPLE DONOR  
OLIGOMER

MULTIPLE DONOR  
OLIGOMER



TEMPLATE DNA

*Fig. 2B*

Diagram illustrating a DNA molecule structure with four regions: (AU), (ID2), (ID1), and (TD). The top strand is oriented 5' to 3' from left to right, with an 'A' in (AU) and two 'D's in (ID2). The bottom strand is oriented 3' to 5' from left to right, with two 'D's in (ID1) and one 'D' in (TD).

EXTENDED ENERGY TRANSFER

RE-EMISSION 615 nm

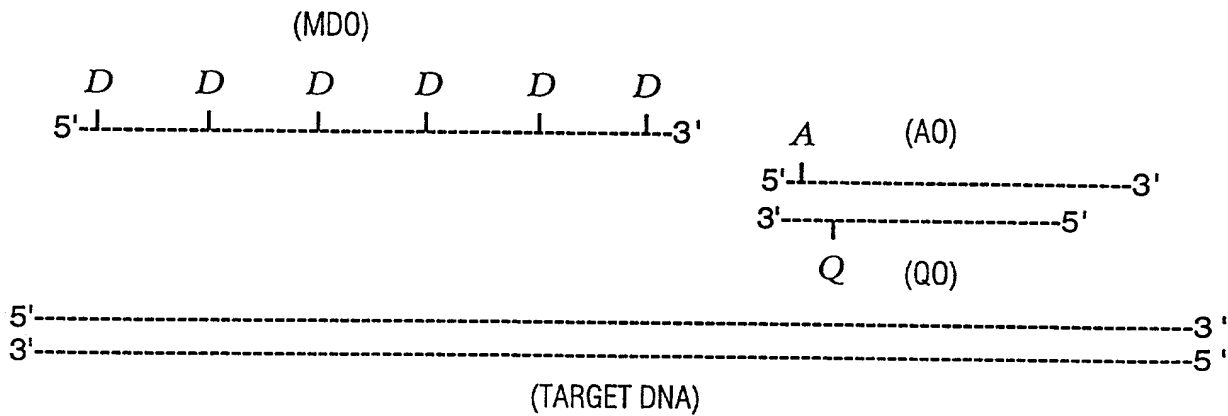
EXCITATION 495 nm

5' 3' 5' 3' 5' 3' 5' 3'

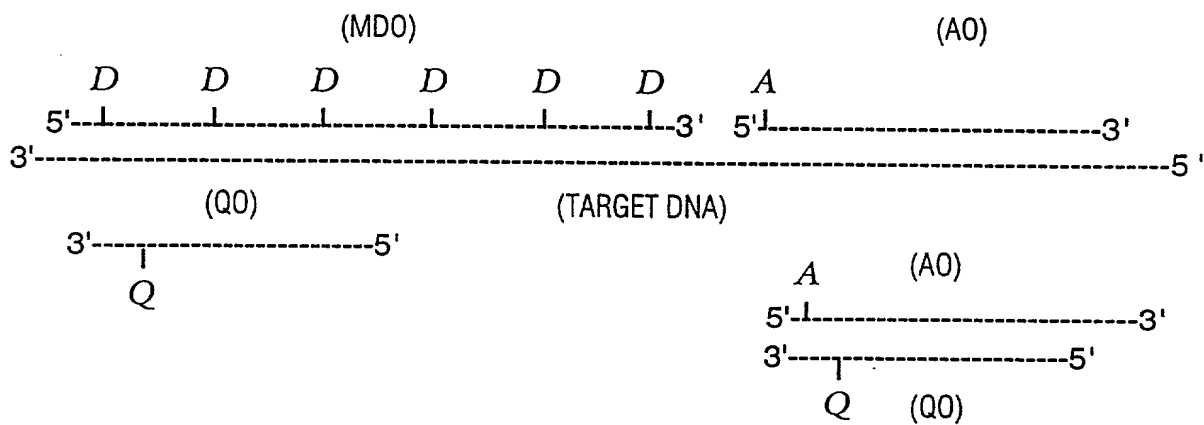
*A* *D* *D* *D*

*Fig. 3B*

SYSTEM BEFORE DENATURATION OF TARGET DNA



*Fig. 4A*



*Fig. 4B*